

**AMENDMENTS TO THE CLAIMS**

1. (Currently Amended) A method for configuration negotiation in a data communication system, comprising:

receiving, at an access network, an access request and a token from an access terminal, the token including a plurality of bits, each bit of the plurality of bits associated with a different type of protocol ~~at least one bit associated with a parameter group type, the at least one such that each bit indicating indicates~~ whether the access terminal is operating according to a default protocol parameter group for the associated type of protocol parameter group type;

sending information to and receiving information from the access terminal according to the default parameter group protocol without negotiating parameters for the associated parameter group type type of protocol and without sending the parameters for the associated parameter group type type of protocol to the access terminal when a portion of the access network communicating with the access terminal operates according to the default parameter group protocol for the associated parameter group type type of protocol and ~~the at least one a bit of the plurality of bits indicates the access terminal operates according to the default protocol parameter group for the associated parameter group type type of protocol, wherein the token includes a plurality of bits, each bit associated with a different parameter group type.~~

2. (Cancelled)

3. (Currently Amended) The method of claim 1, further comprising:

sending information to and receiving information from the access terminal after negotiating a ~~parameter group protocol~~ for the associated ~~parameter group type~~ of ~~protocol~~ when at least one of,

(i) the portion of the access network communicating with the access terminal operates according to a ~~parameter group protocol~~ other than the default ~~parameter group protocol~~ for the associated ~~parameter group type~~ of ~~protocol~~ and the ~~at least one~~-bit indicates the access terminal operates according to the default ~~parameter group protocol~~ for the associated ~~parameter group type~~ of ~~protocol~~, or-and

(ii) the portion of the access network communicating with the access terminal operates according to the default ~~parameter group protocol~~ for the associated ~~parameter group type~~ of ~~protocol~~ and the ~~at least one~~-bit indicates the access terminal operates according to a ~~parameter group protocol~~ other than the default ~~parameter group protocol~~ for the ~~parameter group type~~ of ~~protocol~~.

4. (Currently Amended) The method of claim 1, further comprising:

first accessing memory at the access network when the ~~at least one~~-bit indicates the access terminal is not operating according to the default ~~parameter group protocol~~ to obtain a stored ~~parameter group protocol~~ of the associated ~~parameter group type~~ of ~~protocol~~ for the access terminal; and

sending information to and receiving information from the access terminal according to the stored ~~parameter group protocol~~ of the associated ~~parameter group type~~ of ~~protocol~~ for the access terminal without negotiating a ~~parameter group protocol~~ of the associated ~~parameter group type~~ of ~~protocol~~ when a portion

of the access network communicating with the access terminal operates according to the stored ~~parameter group protocol~~ for the associated ~~parameter group type type of protocol~~.

5. (Currently Amended) The method of claim 4, further comprising:

    sending information to and receiving information from the access terminal after negotiating a ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ when the portion of the access network communicating with the access terminal operates according to a ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ which is different from the stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal.

6. (Currently Amended) The method of claim 4, further comprising:

    sending information to and receiving information from the access terminal after negotiating a ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ when the first accessing step fails to access a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal.

7. (Currently Amended) The method of claim 4, further comprising:

    second accessing memory at another access network to obtain a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal when the first accessing step fails to access a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal and the bit indicates the access terminal is not operating according to the default ~~parameter group protocol~~.

8. (Currently Amended) The method of claim 7, further comprising:

sending information to and receiving information from the access terminal after negotiating a ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ when the first and second accessing steps fail to access a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal.

9. (Currently Amended) The method of claim 6, further comprising:

sending the access terminal a new token indicating a current ~~parameter group protocol~~ of each ~~parameter group type type of protocol~~ after negotiations are complete.

10. (Currently Amended) The method of claim 3, further comprising:

sending the access terminal a new token indicating a current ~~parameter group protocol~~ of each ~~parameter group type type of protocol~~ after negotiations are complete.

11. (Previously Cancelled)

12. (Currently Amended)) A method ~~for configuration negotiation in a data communication system~~, comprising:

receiving, at an access network, an access request and a token from an access terminal, the token including a plurality of bits, each bit of the plurality of bits associated with a different type of protocol ~~at least one bit associated with a parameter group type, the at least one such that each bit indicating indicates~~ whether the access terminal is operating according to a default ~~parameter group protocol~~ for the associated

parameter group type of protocol, the access terminal having a first parameter set for the associated type of protocol;

first accessing memory at the access network when ~~the at least onea bit of the plurality of bits~~ indicates the access terminal is not operating according to the default parameter group protocol in an attempt to obtain a stored parameter group protocol of the associated parameter group type of protocol for the access terminal, the stored protocol indicating the first parameter set for the associated type of protocol; and

sending information to ~~and receiving information from~~ the access terminal according to the stored parameter group protocol of the associated parameter group type of protocol for the access terminal ~~without negotiating a parameter group protocol of the associated parameter group type of protocol and without sending the parameters for the associated parameter group type of protocol to the access terminal~~ when a portion of the access network communicating with the access terminal operates according the stored parameter group protocol for the associated parameter group type of protocol, wherein the token includes a plurality of bits, each bit associated with a different parameter group type.

13. (Currently Amended) The method of claim 12, further comprising:

~~sending information to and receiving information from the access terminal after negotiating a parameter group protocol of the associated parameter group type of protocol when the portion of the access network communicating with the access terminal operates according to a parameter group protocol of the associated parameter group type of protocol which is different from the stored parameter group protocol of the associated parameter group type of protocol for the access terminal; and sending information to and receiving information from the access terminal according to the protocol negotiated.~~

14. (Currently Amended) The method of claim 12, further comprising:

sending information to and receiving information from the access terminal after negotiating a ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ when the first accessing step fails to obtain access a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocols~~ for the access terminal.

15. (Currently Amended) The method of claim 12, further comprising:

second accessing memory at another access network in an attempt to obtain a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal when the first accessing step fails to obtain access a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal and the ~~at least one~~ bit indicates the access terminal is not operating according to the default ~~parameter group protocol~~.

16. (Currently Amended) The method of claim 15, further comprising:

sending information to and receiving information from the access terminal after negotiating a ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ when the first and second accessing steps fail to obtain access a stored ~~parameter group protocol~~ of the associated ~~parameter group type type of protocol~~ for the access terminal.

17. (Currently Amended) The method of claim 13, further comprising:

sending the access terminal a new token indicating a current ~~parameter group protocol~~ of each ~~parameter group type~~ of the type of protocol after negotiations are complete.

18. (Previously Cancelled)

19. (Currently Amended) A method for configuration negotiation in a data communication system, comprising:

storing ~~parameter groups protocols~~ of ~~parameter group types~~ at least one type of protocol previously established between an access network and an access terminal;

receiving, at the access network, an access request and a token from the access terminal, the token including ~~a plurality of bits, each bit of the plurality of bits associated with a different type of protocol~~ at least one bit associated with at least one of the parameter group types, the at least one such that ~~each bit indicating indicates~~ whether the access terminal is operating according to a default ~~parameter group protocol~~ for the associated ~~one of the parameter group type~~ type of protocol;

sending information to and receiving information from the access terminal according to the default ~~parameter group protocol~~ without negotiating parameters for the associated ~~one of the parameter group type~~ type of protocol and without sending the parameters for the associated ~~one of the parameter group type~~ type of protocol to the access terminal when a portion of the access network communicating with the access terminal operates according to the default ~~parameter group protocol~~ for the associated one of the parameter group types and ~~the at least one a bit of the plurality of bits indicates~~ the access terminal operates according to the default ~~parameter group protocol~~ for the associated ~~one of the parameter group type~~ type of protocol.

20. (Currently Amended) The method of claim 8, further comprising:

sending the access terminal a new token indicating a current ~~parameter group protocol~~ of each ~~of the parameter group type~~ ~~type of protocol~~ after negotiations are complete.

21. (Currently Amended) The method of claim 14, further comprising:

sending the access terminal a new token indicating a current ~~parameter group protocol~~ of each ~~parameter group type~~ ~~of the type of protocol~~ after negotiations are complete.

22. (Currently Amended) The method of claim 16, further comprising:

sending the access terminal a new token indicating a current ~~parameter group protocol~~ of each ~~parameter group type~~ ~~of the type of protocol~~ after negotiations are complete.

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END OF CLAIM LISTING